



California Regional Water Quality Control Board Central Valley Region



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Arnold Schwarzenegger
Governor

3 November 2006

Mr. Dan Flynn
Mr. Brendon Flynn
Pacific Farms and Orchards, Inc.
P.O. Box 955
Gerber, CA 96035

NOTICE OF APPLICABILITY FOR RESOLUTION NO. R5-2003-0106, PACIFIC SUN OLIVE MILL, GERBER, TEHAMA COUNTY

Central Valley Regional Water Quality Control Board staff reviewed your Report of Waste Discharge (RWD), dated 31 October 2006, and additional information submitted for coverage under the *Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region* (Resolution No. R5-2003-0106). Central Valley Water Board staff finds the RWD to be complete and the discharge, as described in the RWD, satisfies the general and specific conditions of Resolution No. R5-2003-0106.

Discharge Description

Pacific Farms and Orchards, Inc. owns and operates Pacific Sun Olive Mill, an olive oil processing plant at 22880 Gerber Road in Gerber, Tehama County. Currently there is a single mill at this location; however, Pacific Farms and Orchards is constructing a second mill at the site and proposes to have both mills in operation by Fall 2006. The plant will be operated approximately 60 to 80 days each year, between October and February. Approximately 600 to 1000 tons of olives will be processed annually. Both wastewater and solids will be applied to approximately 320 acres of orchards (walnut and prune) surrounding the plant.

The Pacific Sun Olive Mill produces three types of wastewater: rinse water, centrifugation wastewater, and equipment/floor wash water. Approximately 12,000 to 16,000 gallons per year of rinse water will be used to remove leaves, stems, and dust from the olives. The washed olives are crushed into a paste and then pumped to a kneader/malaxer. The mash from the malaxer is passed to a 2-phase, centrifugal decanter to separate olive oil from the pomace. Finally olive oil is separated from any remaining water in a vertical separator. Approximately 24,000 to 40,000 gallons per year of centrifugation wastewater will be produced. Approximately 2,500 gallons per year of equipment cleaning water and 4,000 gallons per year of floor wash water will also be produced.

All process waters will be collected and stored in tanks and then transported to nearby orchards by water truck. The process water will be pumped from the trucks using existing irrigation pumps and applied to the orchards via drip or sprinkler systems. The Discharger prepared a *Wastewater Disposal Operation and Maintenance Plan* that was submitted with the RWD. Process wastewater will be applied at reasonable hydraulic and agronomic rates.



Solid wastes are generated from the rinsing of olives to remove leaves, stems, and dust and from the centrifugation process to remove pomace from the oil. Solid wastes will be collected in covered storage hoppers and loaded into field spreaders. Solid wastes will be spread and disked into the soils of the orchards. The Discharger prepared a *Solids Disposal Operation and Maintenance Plan* that was submitted with the RWD. Solid wastes will be applied at reasonable agronomic rates.

Blow down from the boiler will be drummed and transported offsite for proper disposal.

The Discharger has stated that there are no storm water discharges from the plant and has submitted a Notice of Non-Applicability for the General Permit for Industrial Storm Water Discharge (Order No. 97-03-DWQ).

Conditional Waiver

Based on the information submitted in the RWD and technical reports, the discharge, as described above, satisfies the general and specific conditions of Resolution No. R5-2003-0106. This letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

A copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program are enclosed. Due to your processing schedule, we have changed the date for the submittal of your annual report from 1 February to **1 April of each year**. A copy of a reporting form is enclosed for your use.

If the method of process wastewater and/or solids disposal change from those described in the RWD, you must notify the Central Valley Water Board and submit a new RWD. The Central Valley Water Board may take enforcement action, if the discharge violates the terms or conditions of the waiver. Please note that the waiver will expire on **11 July 2008**, at which time you must submit a new RWD with filing fee to renew the waiver or you must cease the discharge.

If you have any questions regarding this letter, please do not hesitate to call Carole Crowe at (530) 224-3227.

(For) PAMELA CREEDON
Executive Officer

CNC: sae

Encl: Resolution No. R5-2003-0106
Annual Reporting Form

cc: Tehama County Planning Department, Red Bluff
Tehama County Environmental Health Department, Red Bluff

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